12/12/86 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended December 5, 1986 NO. 49

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/05/86	Last Week Ending: 11/28/86	Last Year Week Ending: 12/06/85	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,178	13,127	12,791	51	387
Operable capacity	15,594	15,594	15,638	0	-44
Percent operated	84.5	84.2	81.8		
Motor Gasoline					
Total motor gasoline production	6,892	6,958	6,392	-66	500
Finished leaded motor gasoline production	2,020	1,981	2,222	39	-202
Finished unleaded motor gasoline production	4,872	4,977	4,170	-105	702
Total motor gasoline stocks	228,422	225,438	219,592	2,984	8,830
Finished leaded motor gasoline stocks	65,939	64,221	74,051	1,718	-8,112
Finished unleaded motor gasoline stocks	124,597	123,297	110,254	1,300	14,343
Jet Fuel Kerosine					
Jet fuel kerosine production	1,280	1,145	1,138	135	142
Jet fuel kerosine stocks	42,150	41,355	38,412	795	3,738
Distillate Fuel Oil					
Distillate fuel oil production	2,962	3,025	3,157	-63	-195
Distillate fuel oil stocks	151,649	149,147	142,396	2,502	9,253
Residual Fuel Oil					
Residual fuel oil production	954	1,027	988	-73	-34
Residual fuel oil stocks	45,771	46,460	48,551	-689	-2,780
Imports					
Crude oil imports	4,300	3,391	4,440	909	-140
Product imports	2,156	1,841	1,636	315	520
Crude Oil Stocks					
Crude oil stocks	342,625	346,364	322,250	-3,739	20,375

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,255	1,105	1,108	1,346	82.3
Appal. No. 1	114	106	106	108	98.1
DISTRICT 1 TOTAL	1,369	1,211	1,214	1,454	83.5
Appal. No. 2	21	17	17	66	25.8
Ind., Ill., Ky.	2,171*	1,974*	2,007*	2,210	90.8*
Minn., Wis., Daks.	327	316	316	322	98.1
Okla., Kans., Mo.	740	685	691	726	95.2
DISTRICT 2 TOTAL	3,259*	2,992*	3,031*	3,324	91.2*
Inland Texas	474	454	459	568	80.8
Texas Gulf Coast	3,602*	3,062*	3,092*	3,738	82.7*
La. Gulf Coast	2,543	2,281	2,295	2,578	89.0
N. La. and Ark.	178	164	168	258	65.1
New Mexico	71	67	69	79	87.3
DISTRICT 3 TOTAL	6,868*	6,028*	6,083*	7,221	84.2*
DISTRICT 4 TOTAL	445	412	423	527	80.3
DISTRICT 5 TOTAL	2,536*	2,409*	2,427*	3,068	79.1*
TOTAL U.S.	14,477	13,052	13,178	15,594	84.5
TOTAL U.S. Weeks Ended:					
NOV. 28, 1986	14,456*	12,968*	13,127*	15,594	84.2*
DEC. 6, 1985	13,821	12,627	12,791	15,638	81.8
DISTRICTS 1-4 Weeks Ended:					
DEC. 05, 1986	11,941	10,643	10,751	12,526	85.8
NOV. 28, 1986	11,819*	10,528*	10,675*	12,526	85.2*
DEC. 6, 1985	11,383	10,351	10,515	12,623	83.3

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 5, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	607*	121	486*	13	75	243*	150
Appal. No. 1	45	17	28	--	--	34	13
DISTRICT 1 TOTAL	652*	138	514*	13	75	277*	163
Appal. No. 2	20	3	17	--	--	7	2
Ind., Ill., Ky.	1,140	271	869	13	162*	454*	96
Minn., Wis., Daks.	139	40	99	5	20	72	7
Okla., Kans., Mo.	396	162	234	1	55	201	8
DISTRICT 2 TOTAL	1,695	476	1,219	19	237*	734*	113
Inland Texas	281	97	184	29	32	105	20
Texas Gulf Coast	1,655*	473	1,182*	39*	315	762	160
La. Gulf Coast	1,252	345	907	14	273	500	82
N. La. and Ark.	56	26	30	4	--	48	7
New Mexico	38	16	22	11	1	14	--
DISTRICT 3 TOTAL	3,282*	957	2,325*	97*	621	1,429	269
DISTRICT 4 TOTAL	240	123	117	11	21	116	10
DISTRICT 5 TOTAL	1,023*	326	697*	63*	326*	406*	399*
TOTAL U.S.	6,892	2,020	4,872	203	1,280	2,962	954
TOTAL U.S. Weeks Ended:							
NOV. 28, 1986	6,958*	1,981	4,977*	220*	1,145*	3,025*	1,027*
DEC. 6, 1985	6,392	2,222	4,170	166	1,138	3,157	988
DISTRICTS 1-4 Weeks Ended:							
DEC. 05, 1986	5,869	1,694	4,175	140	954	2,556	555
NOV. 28, 1986	5,775*	1,622	4,153*	191*	843*	2,603*	548
DEC. 6, 1985	5,527	1,922	3,605	130	884	2,719	591

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,932*	1,066	3,865*	1	74	396	10,086*	1,015	--
Central Atlantic	28,179*	6,979	16,560*	4,640	372	5,531	43,564*	17,088	12,467*
Lower Atlantic	33,418*	10,938	22,118*	362	547	4,566*	16,716*	3,221	667
DISTRICT 1 TOTAL	66,529*	18,983	42,543*	5,003	993	10,493*	70,366*	21,324	13,134*
DISTRICT 2 TOTAL	61,125*	20,861*	32,465*	7,799	1,041	9,208	32,066*	3,311	14,412*
DISTRICT 3 TOTAL	64,642*	15,423*	33,488*	15,731*	2,385*	15,513	35,047*	11,114	50,582*
DISTRICT 4 TOTAL	6,511	2,409	2,310	1,792	403	740	2,889	384	1,989
DISTRICT 5 TOTAL	29,615	8,263	13,791	7,561	2,135	6,196	11,281*	9,638	20,453
TOTAL U.S.	228,422	65,939	124,597	37,886	6,957	42,150	151,649	45,771	100,570
TOTAL U.S.									
Weeks Ended:									
NOV. 28, 1986	225,438*	64,221*	123,297*	37,920*	6,729*	41,355*	149,147*	46,460	101,533*
DEC. 6, 1985	219,592	74,051	110,254	35,287	6,297	38,412	142,396	48,551	109,568
DISTRICTS 1-4									
Weeks Ended:									
DEC. 05, 1986	198,807	57,676	110,806	30,325	4,822	35,954	140,368	36,133	80,117
NOV. 28, 1986	196,290*	56,509*	109,104*	30,677*	4,864*	35,316*	138,237*	37,323	80,454*
DEC. 6, 1985	192,680	65,980	98,461	28,239	4,454	33,709	130,581	38,757	87,353

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended December 5, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1986	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
			Daily Average		
DISTRICTS 1-4 TOTAL					
DEC. 05, 1986	5,433.3	5,601.0	4,010	584	267,500
NOV. 28, 1986	5,433.3	--	3,342	508	267,957*
NOV. 21, 1986	5,433.3	--	4,327	581	268,623
NOV. 14, 1986	5,433.3	--	4,979	577	269,475
DISTRICT 5 TOTAL					
DEC. 05, 1986	3,050.4	3,018.0	290	--	75,125 ‡
NOV. 28, 1986	3,050.4	--	49	35	78,407*
NOV. 21, 1986	3,050.4	--	341	--	75,262
NOV. 14, 1986	3,050.4	--	31	14	73,251
TOTAL U.S.					
DEC. 05, 1986	8,483.7	8,619.0	4,300	584	342,625 ‡
NOV. 28, 1986	8,483.7	--	3,391	543	346,364*
NOV. 21, 1986	8,483.7	--	4,668	581	343,885
NOV. 14, 1986	8,483.7	--	5,010	591	342,726
DEC. 6, 1985	8,902.0 a/	--	4,440	595	322,250

‡INCLUDES 20,497 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER. *

a/ DOE actual for November 1985.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
DEC. 05, 1986	16,132	76,404	163,208	11,756	267,500	75,125 ‡	342,625 ‡
NOV. 28, 1986	15,026*	77,031	164,466*	11,434	267,957*	78,407*	346,364*
DEC. 6, 1985	16,235	66,715	147,922	12,259	243,131	79,119	322,250

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended December 5, 1986

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	2	--	2	--	--	--	71	55	1	--	--	129
Central Atlantic	78	--	78	42	8	--	152	413	67	60	46	866
Lower Atlantic	163	24	139	--	--	8	7	326	--	--	5	509
DISTRICT 1 TOTAL												
DEC. 05, 1986	243	24	219	42	8	8	230	794	68	60	51	1,504
NOV. 28, 1986	94	--	94	56	8	39	279	498	50	48	49	1,121
NOV. 21, 1986	346	42	304	48	6	42	162	618	70	92	68	1,452
NOV. 14, 1986	168	41	127	45	8	33	69	431	37	115	--	906
DISTRICTS 2-4 TOTAL												
DEC. 05, 1986	12	1	11	10	--	1	15	35	245	63	166	547
NOV. 28, 1986	7	--	7	10	--	39	12	26	217	50	237	598
NOV. 21, 1986	18	2	16	8	2	9	8	50	353	96	103	647
NOV. 14, 1986	49	2	47	14	--	2	3	78	308	127	236	817
DISTRICT 5 TOTAL												
DEC. 05, 1986	29	5	24	16	--	3	6	43	6	2	--	105
NOV. 28, 1986	16	--	16	16	--	41	5	34	8	2	--	122
NOV. 21, 1986	41	10	31	18	--	37	13	40	11	4	--	164
NOV. 14, 1986	21	6	15	18	--	25	2	19	11	12	35	143
TOTAL U.S.	284	30	254	68	8	12	251	872	319	125	217	2,156
TOTAL U.S. Weeks Ended:												
NOV. 28, 1986	117	--	117	82	8	119	296	558	275	100	286	1,841
NOV. 21, 1986	405	54	351	74	8	88	183	708	434	192	171	2,263
NOV. 14, 1986	238	49	189	77	8	60	74	528	356	254	271	1,866
DEC. 6, 1985	390	136	254	N/A	5	42	280	281	182	325	131	1,636

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 05, 1986

REVISIONS

11/21/86	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	2,056
			DISTRICT 2 TOTAL	3,130
			TOTAL U.S.	14,531
			DISTRICTS 1-4	11,872
		CRUDE OIL RUNS	IND., ILL., KY	1,887
			DISTRICT 2 TOTAL	2,906
			TOTAL U.S.	12,948
			DISTRICTS 1-4	10,558
		INPUT TO CRUDE OIL	IND., ILL., KY	1,915
			DISTRICT 2 TOTAL	2,950
			TOTAL U.S.	13,107
			DISTRICTS 1-4	10,709
		% OPERABLE	IND., ILL., KY	86.7
			DISTRICT 2 TOTAL	88.7
			TOTAL U.S.	84.1
			DISTRICTS 1-4	85.5
	PAGE 3	UNFINISHED OILS	DISTRICT 2 TOTAL	15,128
			TOTAL U.S.	102,771
			DISTRICTS 1-4	81,084
11/28/86	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,554
			DISTRICT 3 TOTAL	6,825
			DISTRICT 5 TOTAL	2,637
			TOTAL U.S.	14,456
			DISTRICTS 1-4	11,819
		CRUDE OIL RUNS	TEXAS GULF COAST	3,030
			DISTRICT 3 TOTAL	6,033
			DISTRICT 5 TOTAL	2,440
			TOTAL U.S.	12,968
			DISTRICTS 1-4	10,528
		INPUT TO CRUDE OIL	TEXAS GULF COAST	3,072
			DISTRICT 3 TOTAL	6,122
			DISTRICT 5 TOTAL	2,452
			TOTAL U.S.	13,127
			DISTRICTS 1-4	10,675
		% OPERABLE	TEXAS GULF COAST	82.2
			DISTRICT 3 TOTAL	84.8
			DISTRICT 5 TOTAL	79.9
			TOTAL U.S.	84.2
			DISTRICT3 1-4	85.2
	PAGE 2	TOTAL MOAS	EAST COAST	683
			DISTRICT 1 TOTAL	723
			TEXAS GULF COAST	1,534
			DISTRICT 3 TOTAL	3,117

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 05, 1986

REVISIONS

		DISTRICT 5 TOTAL	1,183
		TOTAL U.S.	6,958
		DISTRICTS 1-4	5,775
	UNLEADED MGAS	EAST COAST	535
		DISTRICT 1 TOTAL	567
		TEXAS GULF COAST	1,112
		DISTRICT 3 TOTAL	2,216
		DISTRICT 5 TOTAL	824
		TOTAL U.S.	4,977
		DISTRICTS 1-4	4,153
	NAPHTHA JET	TEXAS GULF COAST	76
		DISTRICT 3 TOTAL	138
		DISTRICT 5 TOTAL	29
		TOTAL U.S.	220
		DISTRICTS 1-4	191
	KEROSINE JET	IND., ILL., KY	153
		DISTRICT 2 TOTAL	205
		DISTRICT 5 TOTAL	302
		TOTAL U.S.	1,145
		DISTRICTS 1-4	843
	DISTILLATE FUEL	EAST COAST	254
		DISTRICT 1 TOTAL	290
		IND., ILL., KY	419
		DISTRICT 2 TOTAL	712
		DISTRICT 5 TOTAL	422
		TOTAL U.S.	3,025
		DISTRICTS 1-4	2,603
	RESIDUAL FUEL	DISTRICT 5 TOTAL	479
		TOTAL U.S.	1,027
PAGE 3	TOTAL MGAS	NEW ENGLAND	5,110
		CENTRAL ATLANTIC	27,850
		LOWER ATLANTIC	32,894
		DISTRICT 1 TOTAL	65,854
		DISTRICT 2 TOTAL	60,398
		DISTRICT 3 TOTAL	63,900
		TOTAL U.S.	225,438
		DISTRICTS 1-4	196,290
	LEADED MGAS	DISTRICT 2 TOTAL	21,144
		DISTRICT 3 TOTAL	15,251
		TOTAL U.S.	64,221
		DISTRICTS 1-4	56,509
	UNLEADED MGAS	NEW ENGLAND	4,094
		CENTRAL ATLANTIC	16,483
		LOWER ATLANTIC	22,299
		DISTRICT 1 TOTAL	42,876
		DISTRICT 2 TOTAL	32,145
		DISTRICT 3 TOTAL	31,962
		TOTAL U.S.	123,297
		DISTRICTS 1-4	109,104

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 05, 1986

REVISIONS

	BLENDING COMPS	DISTRICT 3 TOTAL	16,687
		TOTAL U.S.	37,920
		DISTRICTS 1-4	30,677
	NAPHTHA JET	DISTRICT 3 TOTAL	2,561
		TOTAL U.S.	6,729
		DISTRICTS 1-4	4,864
	KEROSINE JET	LOWER ATLANTIC	4,529
		DISTRICT 1 TOTAL	10,315
		TOTAL U.S.	41,355
		DISTRICTS 1-4	35,316
	DISTILLATE FUEL	NEW ENGLAND	10,280
		CENTRAL ATLANTIC	38,685
		LOWER ATLANTIC	19,015
		DISTRICT 1 TOTAL	67,980
		DISTRICT 2 TOTAL	32,008
		DISTRICT 3 TOTAL	35,461
		DISTRICT 5 TOTAL	10,910
		TOTAL U.S.	149,147
		DISTRICTS 1-4	138,237
	UNFINISHED OILS	CENTRAL ATLANTIC	11,694
		DISTRICT 1 TOTAL	12,360
		DISTRICT 2 TOTAL	14,980
		DISTRICT 3 TOTAL	51,019
		TOTAL U.S.	101,533
		DISTRICTS 1-4	80,454
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	267,957
		DISTRICT 5 TOTAL	78,407
		TOTAL U.S.	346,364
	ALASKAN CRUDE OIL	DISTRICT 5 TOTAL	26,254
PAGE 4 B	TOTAL	PAD DISTRICT 1	15,026
		PAD DISTRICT 3	164,466
		TOTAL PAD DISTRICTS 1-4	267,957
		PAD DISTRICT 5	78,407
		TOTAL U.S.	346,364